

Amendments to the claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) An apparatus for transferring objects from a first location to a second location comprising:
 - a frame;
 - first means mounted on the frame for holding a plurality of objects;
 - second means for moving objects away from the first means;
 - third means for picking up objects from the first means and depositing the objects at the second means, said third means including a movable member, and a support mounted on the frame;
 - means supporting the member on the frame for movement relative to the first and second means;
 - drive means for moving the member;
 - an object pickup device mounted on the member, said object pickup device being operable to pickup an object in the first means, transport the object to a location above the second means and release the object thereby allowing the object to be placed at the second means;
 - said object pickup device further comprising a gripper protruding from said object pickup device for engagement with objects.

2. (original) An apparatus for transferring objects from a first location to a second location comprising:
 - first means for holding a plurality of objects;
 - second means for holding objects;
 - third means for picking up objects from the first means and depositing the objects at the second means,
 - an object pickup device mounted on the third means, said object pickup device being operable to pickup an object in the first means, transport the object to a location above the second means and release the object thereby allowing the object to be placed at the second means;
 - said object pickup device further comprising a gripper protruding from said object pickup device for engagement with objects.
3. (original) The apparatus as claimed in Claim 2 wherein said gripper comprises a piercing probe.
4. (original) The apparatus as claimed in Claim 3 wherein said piercing probe comprises an expandable needle.
5. (original) The apparatus as claimed in Claim 3 wherein said piercing probe comprises a barbed endpoint.
6. (original) The apparatus as claimed in Claim 2 wherein said gripper comprises a tweezers.

7. (original) The apparatus as claimed in Claim 3 wherein said piercing probe comprises a screw.
8. (original) The apparatus as claimed in Claim 2 wherein said gripper comprises a gear and finger.
9. (original) The apparatus as claimed in Claim 2 wherein said gripper comprises a temperature controllable surface.

10. (original) An apparatus for transferring objects from a first location to a second location comprising:

- a frame;
- first means mounted on the frame for holding a plurality of objects;
- second means for moving objects away from the first means;
- third means for picking up objects from the first means and depositing the objects at the second means, said third means including a movable member, and a support mounted on the frame;
- means supporting the member on the frame for movement relative to the first and second means;
- drive means for moving the member;
- an object pickup device mounted on the member, said object pickup device being operable to pickup an object in the first means, transport the object to a location above the second means and release the object thereby allowing the object to be placed at the second means;
- said object pickup device further comprising a temperature controllable gripper for engagement with objects.

11. (original) An apparatus for transferring objects from a first location to a second location comprising:

- first means for holding a plurality of objects;
- second means for holding objects;
- third means for picking up objects from the first means and depositing the objects at the second means;
- an object pickup device mounted on the third means, said object pickup device being operable to pickup an object in the first means, transport the object to a location above the second means and release the object thereby allowing the object to be placed at the second means;
- said object pickup device further comprising a temperature controllable gripper for engagement with objects.

Claims 12 - 26 (cancelled)

27. (original) An object pickup device for use in an apparatus for transferring objects from a first location to a second location, the apparatus including an array of said object pickup devices, said object pickup device comprising:

- a gripper protruding from said object pickup device for engagement with objects.

28. (original) An object pickup device for use in an apparatus for transferring objects from a first location to a second location, the apparatus including an array of said object pickup devices, said object pickup device comprising:
a temperature controllable gripper for engagement with objects.